Amendments to the Specification:

Immediately before paragraph [0001] add the following new sub-headings:

-- CROSS-REFERENCE TO RELATED APPLICATIONS

This is a US national stage of application No. PCT/EP2003/013797, filed on 5 December 2003.

BACKGROUND OF THE INVENTION

1. **Field of the Invention** --

Amend paragraph [0001] as follows:

[0001] The invention relates to a cooling device for electrical power units of electrically operated vehicles ~~as claimed in patent claim 1.~~, wherein the power unit has a power section and a control section.

Immediately before paragraph [0002], add the following new sub-heading:

-- 2. **Description of the Related Art** --

Amend paragraph [0002] as follows:

[0002] It is generally known to equip vehicles with electrical traction drives. ~~DE 37 28 171 C2~~ U.S. Patent No. 4,998,591 discloses, for example, an electromechanical drive system for a full-track vehicle. At least one electric traction motor and an electric steering motor are provided and can be used to mechanically transmit the regenerative steering power from one drive side to the other.

Immediately before paragraph [0006], add the following new sub-heading:

-- **SUMMARY OF THE INVENTION** --

Amend paragraph [0007] as follows:

[0007] According to the invention, ~~this object is achieved by the characterizing features of patent claim 1.~~ a first cooling circuit is arranged primarily for cooling the control section, and a second cooling circuit is arranged primarily for cooling the power section. The second cooling circuit is designed and arranged to feed coolant at a higher temperature than the first cooling circuit.

Delete paragraph [0010] in entirety.

Delete paragraph [0011] in entirety.

Immediately before paragraph [0012], add the following new sub-heading:

-- **BRIEF DESCRIPTION OF THE DRAWING** --

Amend paragraph [0012] as follows:

[0012] ~~Fig. 1 shows~~ The sole figure is a block diagram of a cooling device according to the invention.

Immediately before paragraph [0013], add the following new sub-heading:

-- **DETAILED DESCRIPTION OF THE PRESENTLY PREFERRED EMBODIMENTS** --

Amend paragraph [0013] as follows:

[0013] ~~Fig. 1~~ The figure illustrates an electrical power unit 1 for supplying power to an electric motor for an electrically operated vehicle. Since the present invention relates to cooling such a power unit 1, the electrical cabling to an energy source and the associated electric motor, and the signal lines between and the power unit 1 operator control devices of the vehicle, such as the accelerator pedal, steering device and the like, ~~and the power unit 1~~ are not illustrated.

Amend paragraph [0015] as follows:

[0015] A first cooling circuit 11 containing a heat exchanger 9 is provided for the control section 2 and a further cooling circuit 12 containing a heat exchanger 10 is provided for the power section 3. The heat exchangers 9, 10 are designed for extreme ambient conditions with ambient temperatures of approximately 50 degrees Celsius (122 degrees F). On this basis, the heat exchanger 9 can be designed in such a way that a feed temperature of approximately 70 degrees Celsius (158 degrees F) is provided for the more sensitive components of the control section 2.

Amend paragraph [0016] as follows:

[0016] A higher feed temperature of approximately 90 degrees Celsius (194 degrees F) is permissible for the power section 3 which converts a multiple of the power converted by the control section 2. On account of the physical relationship in which the flow of heat is proportional

to the product of the volumetric flow and the temperature difference of the coolant, the heat exchanger 10 with the higher temperature has a greater cooling power. The heat exchanger 10 can therefore be designed to be smaller than a heat exchanger with a lower temperature, while maintaining the cooling power.

Delete paragraph [0025] in entirety.

On page 7, delete the sub-heading "Patent Claims", and immediately before claim 1, add the following:

-- What is claimed is: --